

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109257.D
 Acq On : 24 Sep 2018 10:46
 Operator : JU/SJ
 Sample : J5021-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 13:25:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

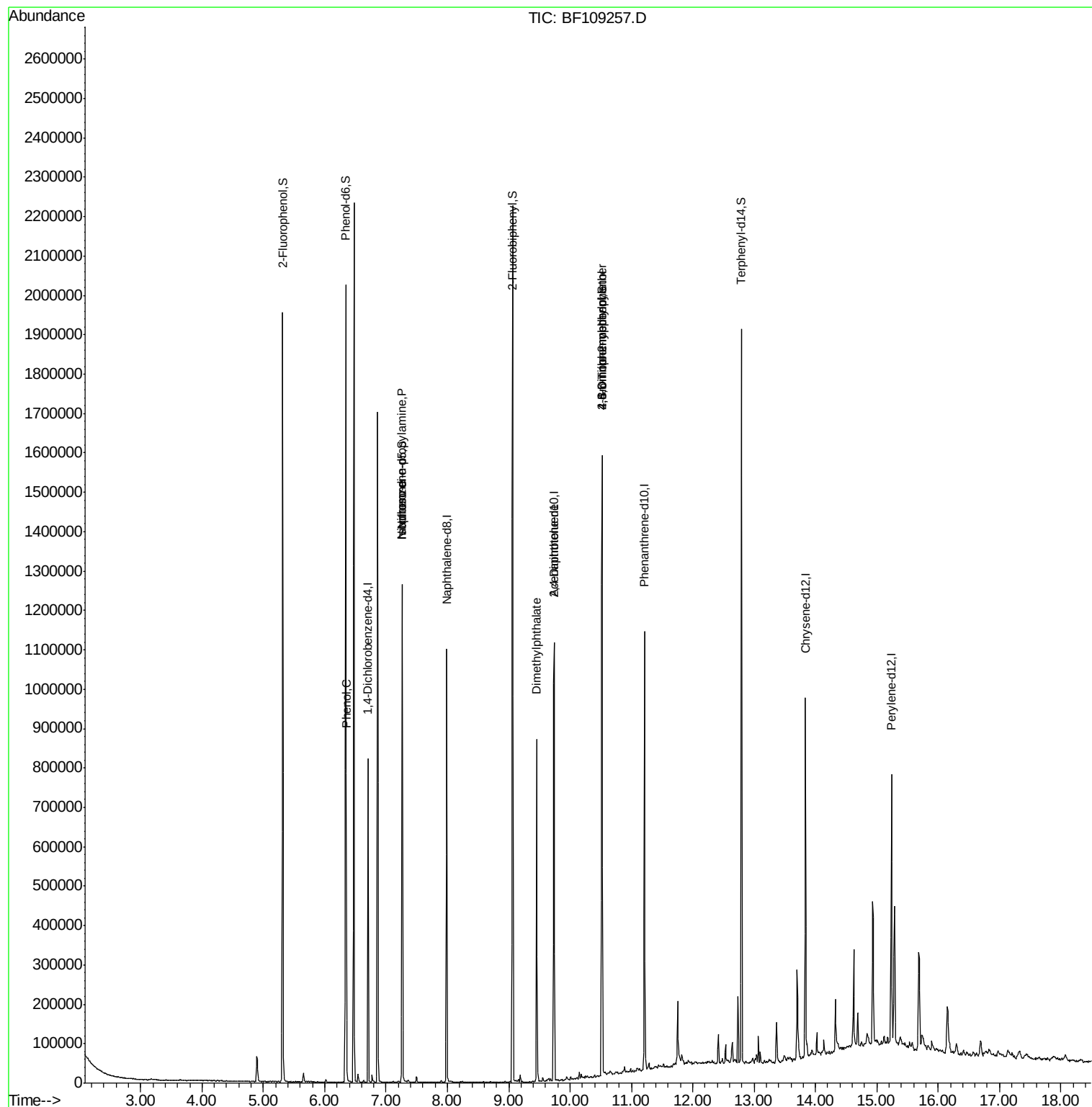
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	114033	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	445673	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	214720	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	417032	20.00	ng	0.00
75) Chrysene-d12	13.84	240	299780	20.00	ng	0.00
86) Perylene-d12	15.24	264	299059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	516729	74.64	ng	0.00
7) Phenol-d6	6.35	99	668016	75.61	ng	-0.01
23) Nitrobenzene-d5	7.26	82	418229	55.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	183512	86.70	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	634073	44.54	ng	-0.01
78) Terphenyl-d14	12.79	244	623266	51.02	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	31579	3.156	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	55862	9.650	ng	# 77
25) Isophorone	7.26	82	393098	28.915	ng	# 64
49) Dimethylphthalate	9.46	163	295684	18.933	ng	99
56) 2,4-Dinitrotoluene	9.74	165	27686	7.074	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	319	6.685	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10984	2.372	ng	# 1

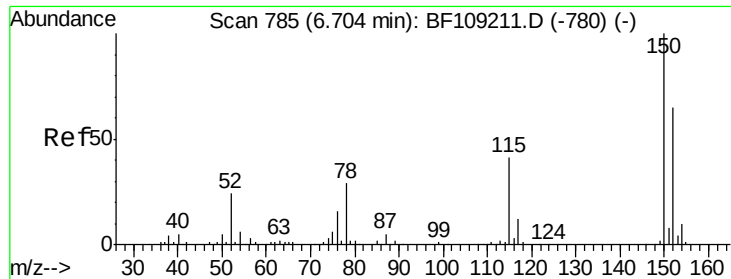
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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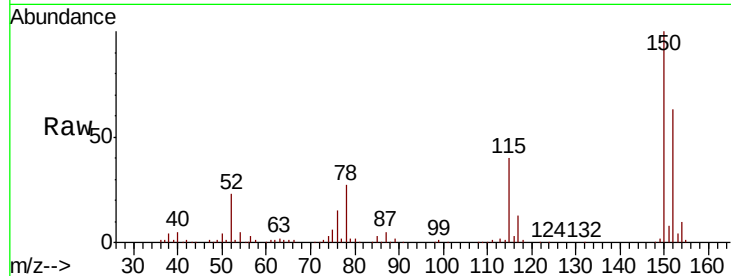


#1

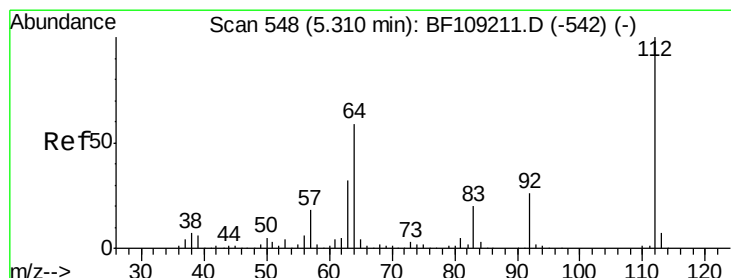
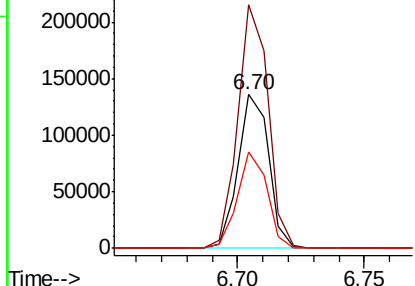
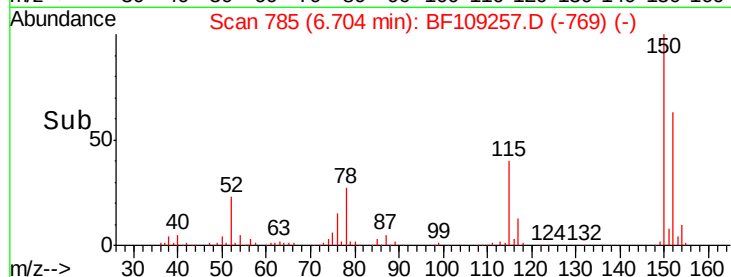
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109257.D
Acq: 24 Sep 2018 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 114033
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 62.8 50.1 75.1



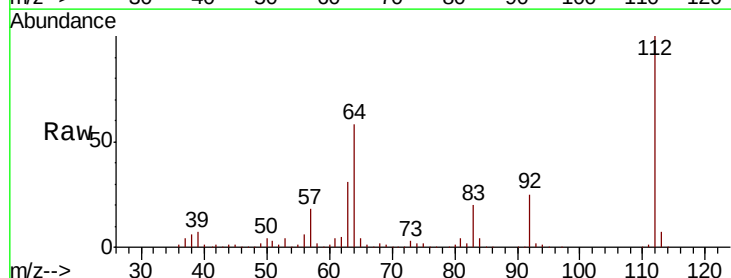
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



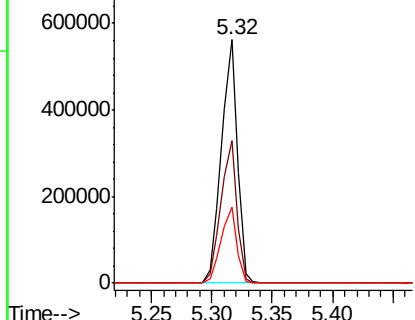
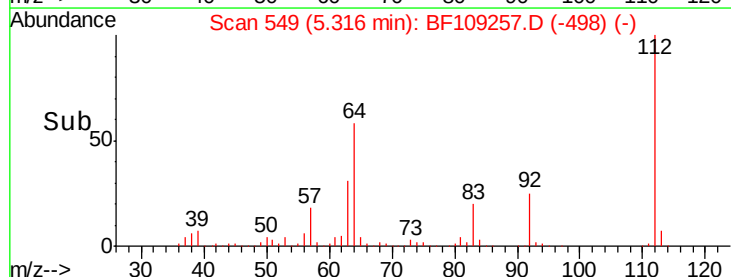
#5

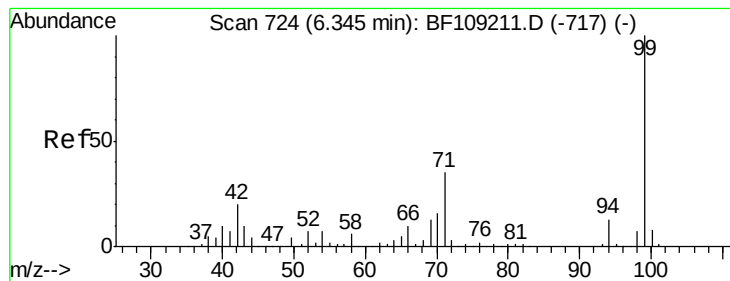
2-Fluorophenol
Concen: 74.636 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109257.D
Acq: 24 Sep 2018 10:46

Tgt Ion:112 Resp: 516729
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 31.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 75.615 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109257.D

Acq: 24 Sep 2018 10:46

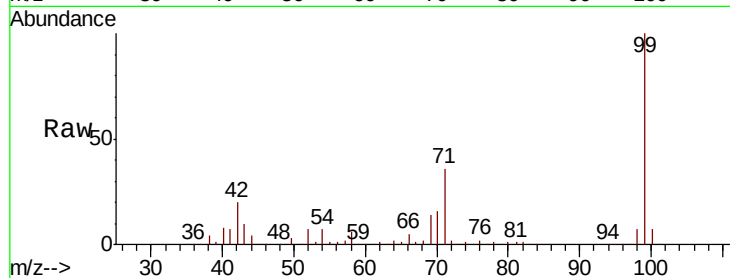
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 668016

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	36.4	25.4	38.0

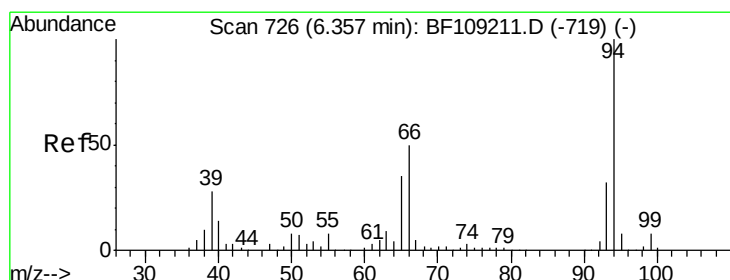
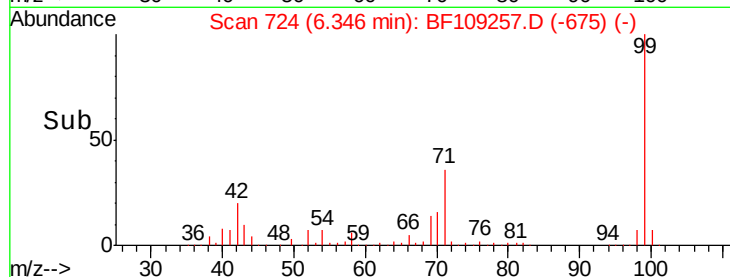
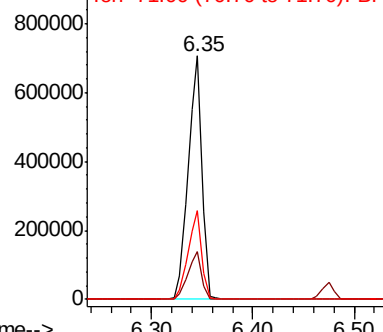


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.156 ng

RT: 6.36 min Scan# 726

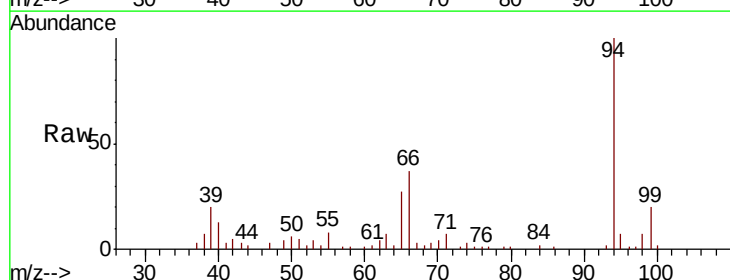
Delta R.T. -0.02 min

Lab File: BF109257.D

Acq: 24 Sep 2018 10:46

Tgt Ion: 94 Resp: 31579

Ion	Ratio	Lower	Upper
94	100		
65	26.7	7.9	47.9
66	37.3	16.2	56.2

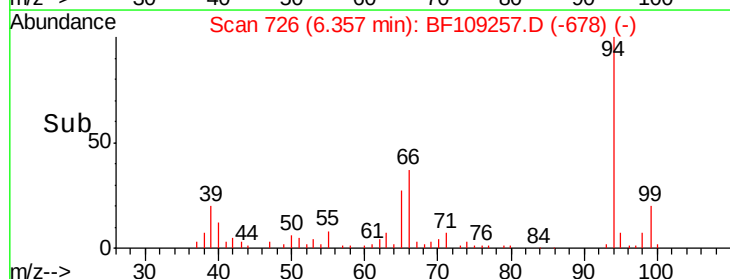
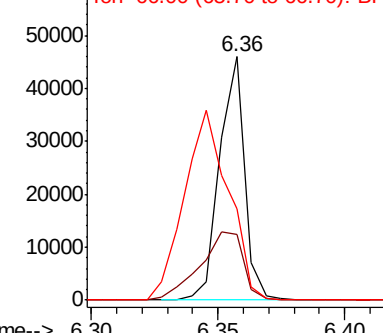


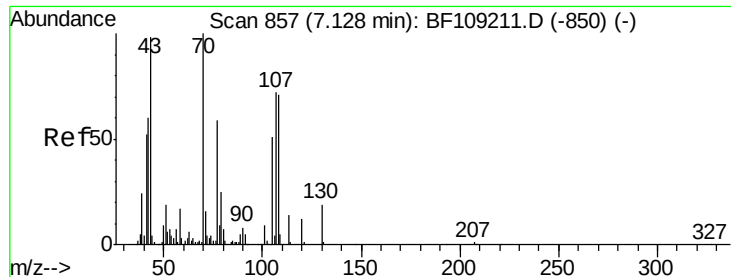
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

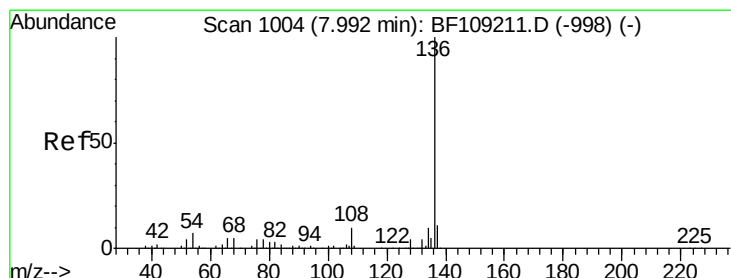
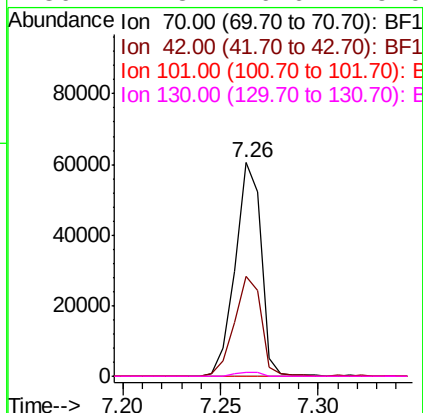
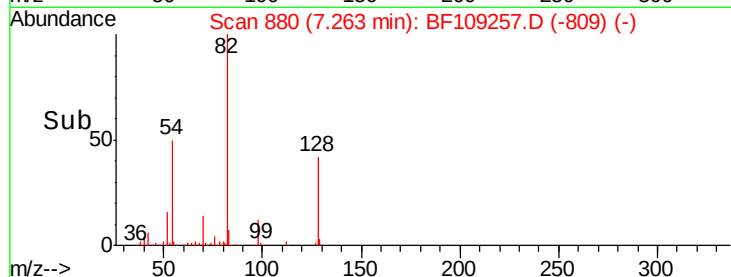
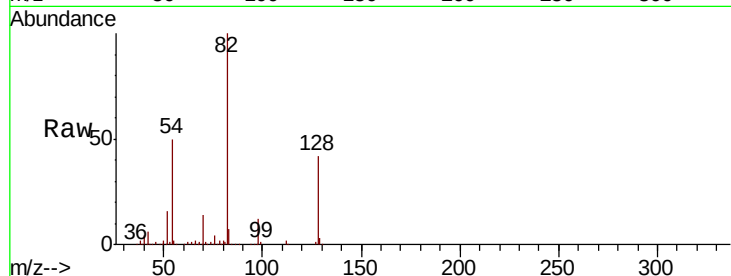




#19
 n-Nitroso-di-n-propylamine
 Concen: 9.650 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.12 min
 Lab File: BF109257.D
 Acq: 24 Sep 2018 10:46

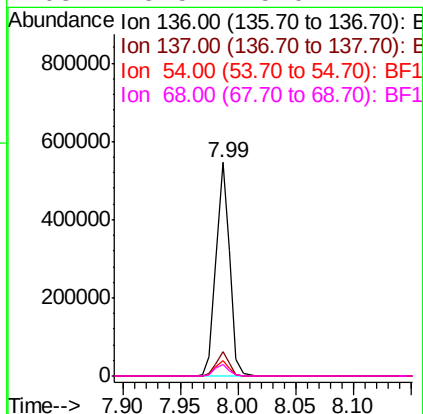
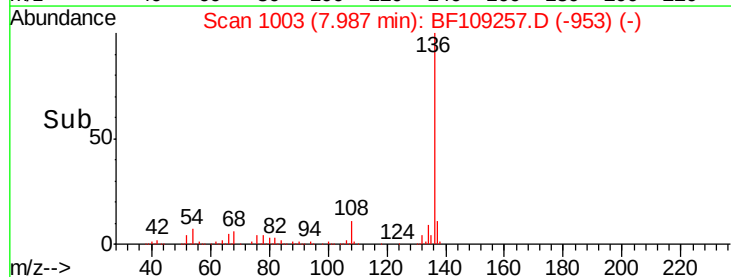
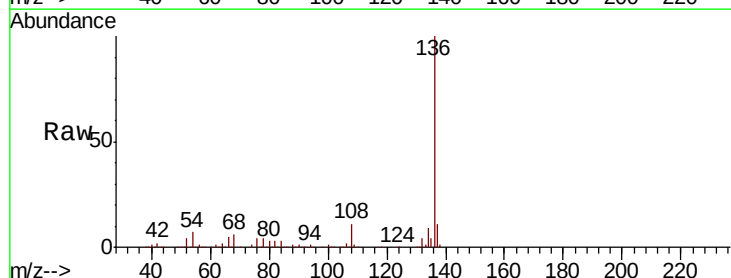
Instrument :
 BNA_F
 ClientSampleId :

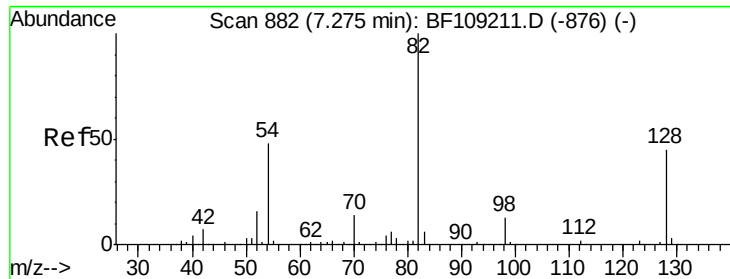
Tot Ion: 70 Resp: 55862
 Ion Ratio Lower Upper
 70 100
 42 47.0 47.5 71.3#
 101 0.0 7.4 11.2#
 130 1.8 16.6 25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF109257.D
 Acq: 24 Sep 2018 10:46

Tgt Ion: 136 Resp: 445673
 Ion Ratio Lower Upper
 136 100
 137 11.3 8.9 13.3
 54 7.3 6.6 9.8
 68 5.5 5.0 7.4

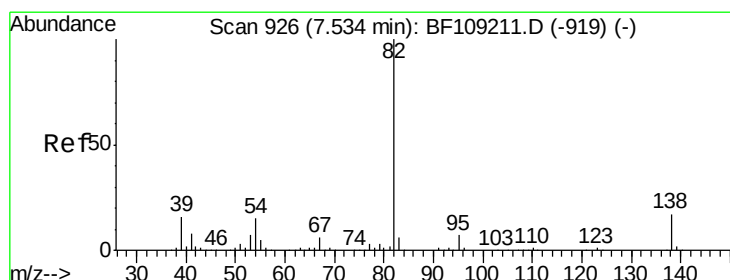
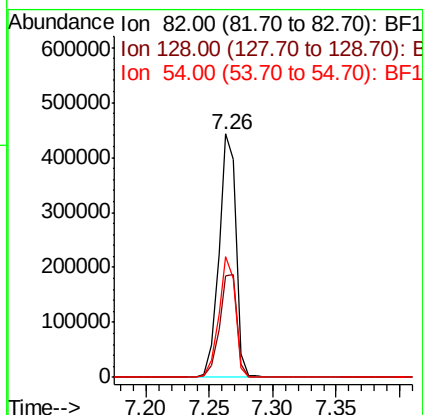
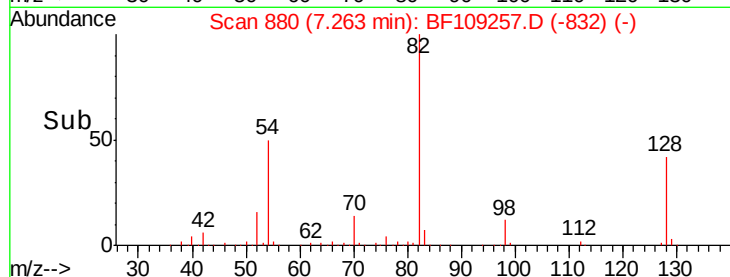
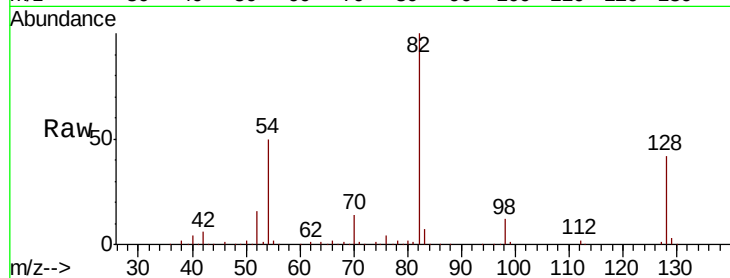




#23
 Nitrobenzene-d5
 Concen: 55.396 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109257.D
 Acq: 24 Sep 2018 10:46

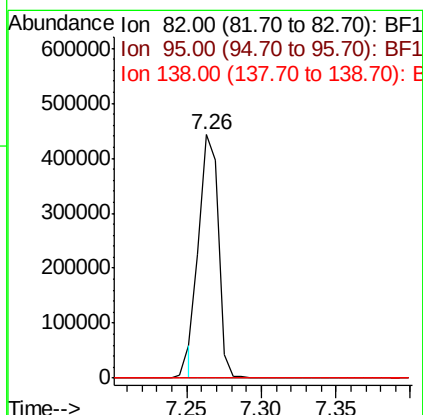
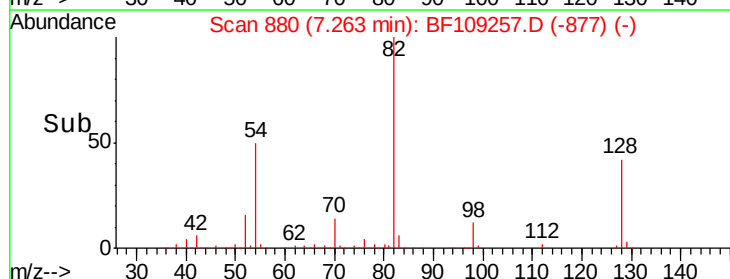
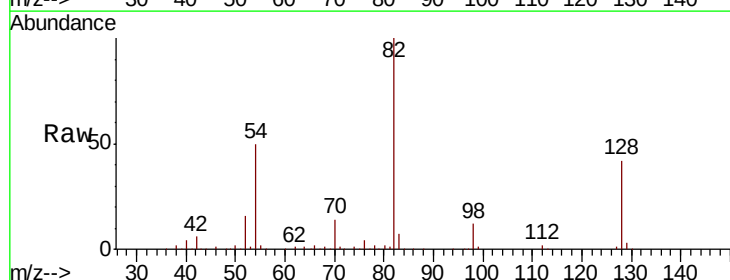
Instrument :
 BNA_F
 ClientSampled :

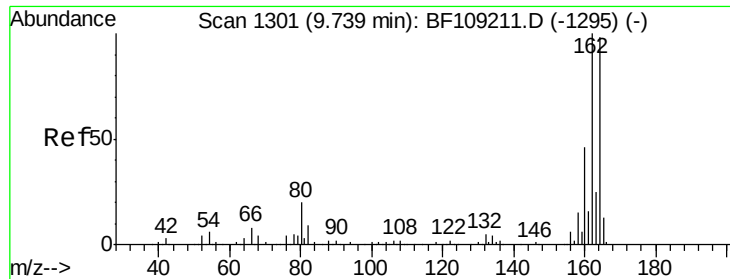
Tot Ion: 82 Resp: 418229
 Ion Ratio Lower Upper
 82 100
 128 41.6 36.1 54.1
 54 49.6 41.4 62.2



#25
 Isophorone
 Concen: 28.915 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF109257.D
 Acq: 24 Sep 2018 10:46

Tgt Ion: 82 Resp: 393098
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

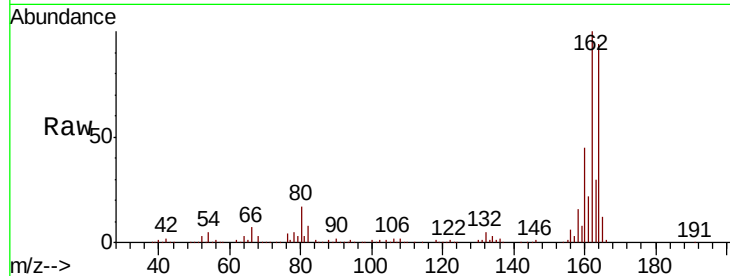




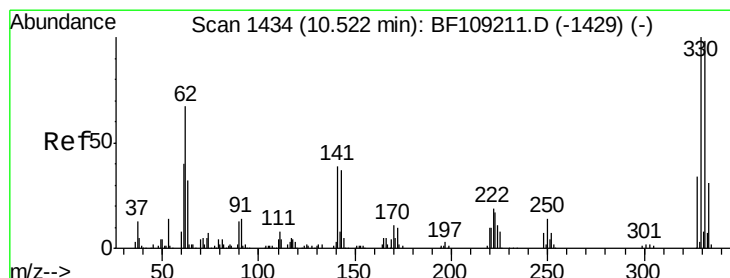
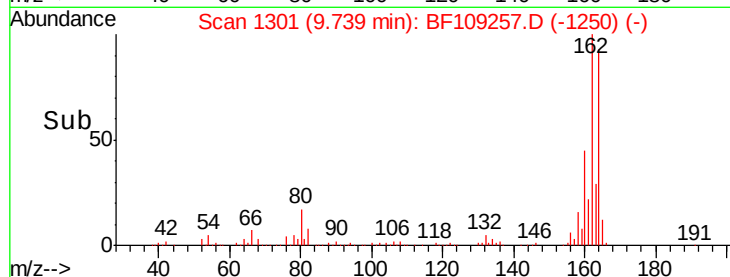
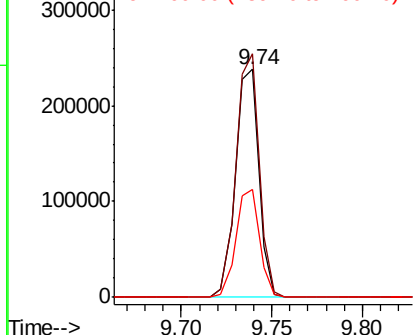
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109257.D
 Acq: 24 Sep 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 214720
 Ion Ratio Lower Upper
 164 100
 162 106.8 86.1 129.1
 160 47.6 38.3 57.5

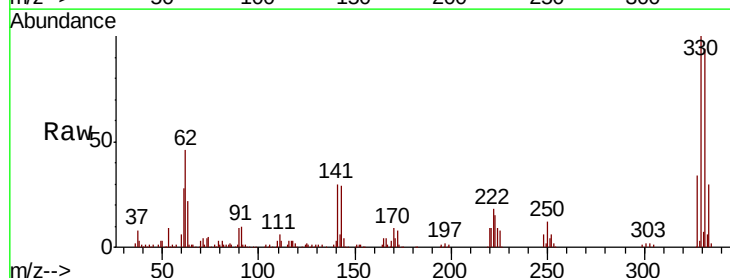


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

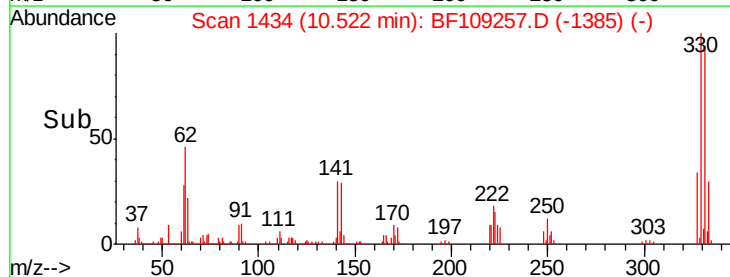
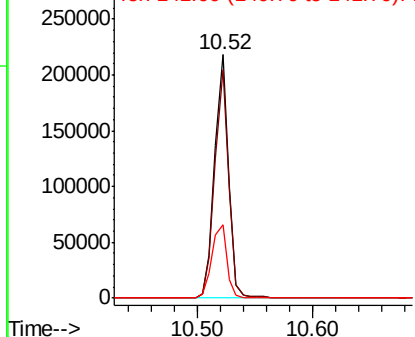


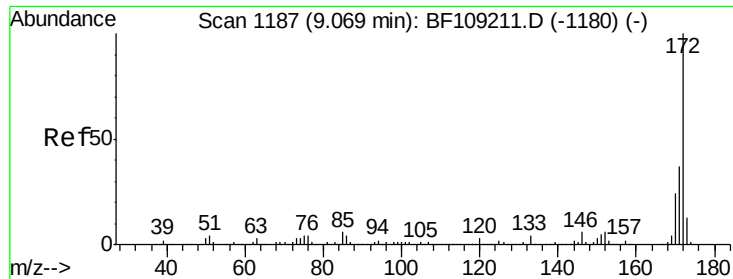
#41
 2,4,6-Tribromophenol
 Concen: 86.698 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109257.D
 Acq: 24 Sep 2018 10:46

Tgt Ion:330 Resp: 183512
 Ion Ratio Lower Upper
 330 100
 332 93.6 77.0 115.6
 141 32.7 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

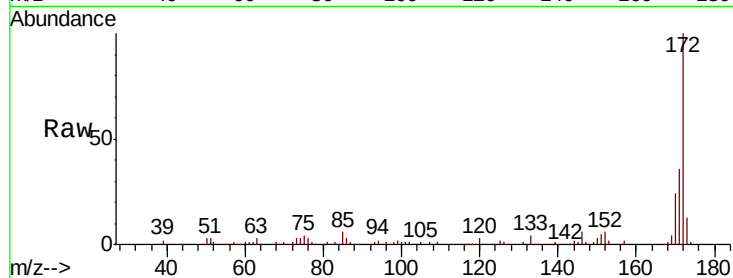




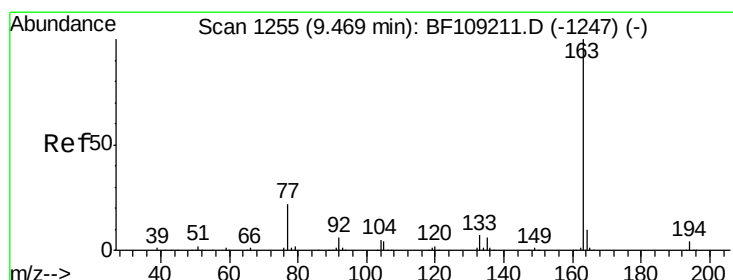
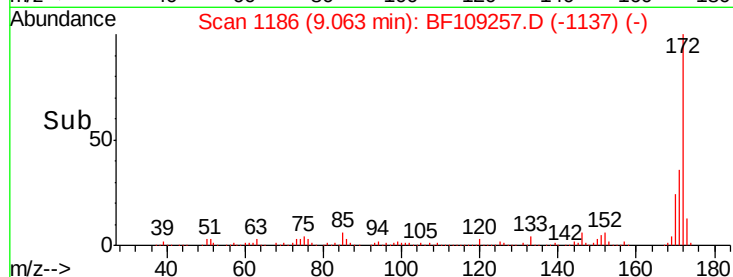
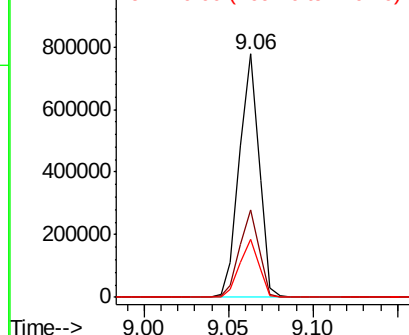
#44
2-Fluorobiphenyl
Concen: 44.537 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109257.D
Acq: 24 Sep 2018 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 634073
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.6 19.6 29.4

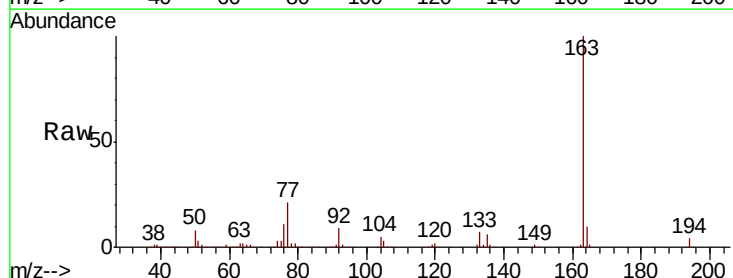


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

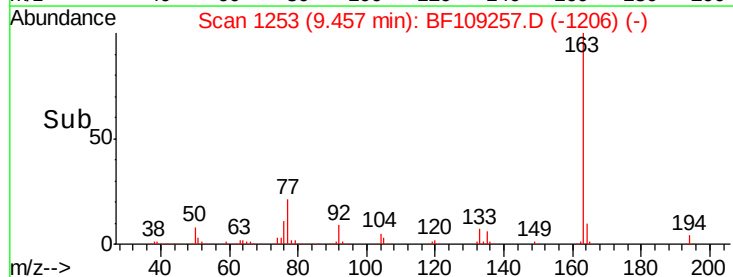
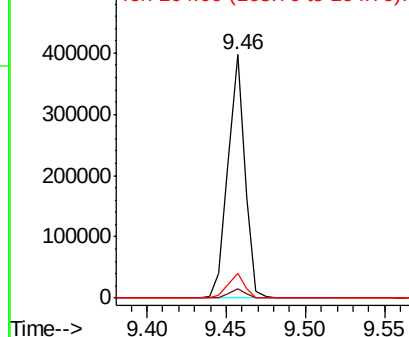


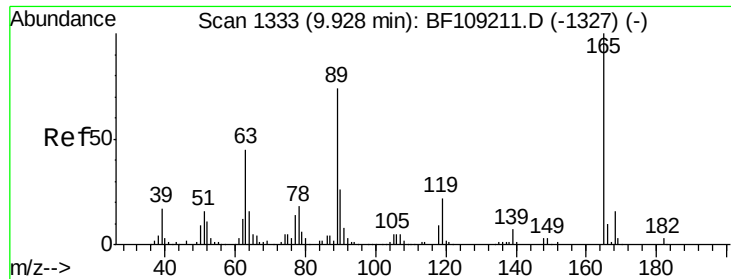
#49
Dimethylphthalate
Concen: 18.933 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109257.D
Acq: 24 Sep 2018 10:46

Tgt Ion:163 Resp: 295684
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

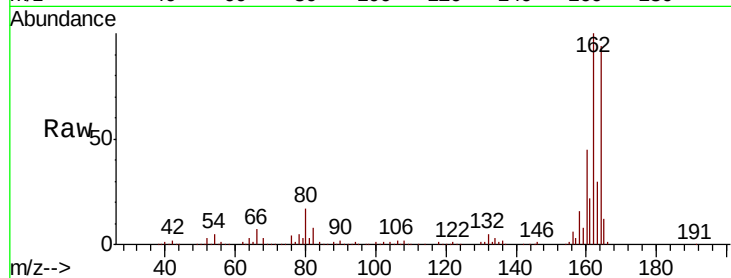




#56
 2,4-Dinitrotoluene
 Concen: 7.074 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109257.D
 Acq: 24 Sep 2018 10:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

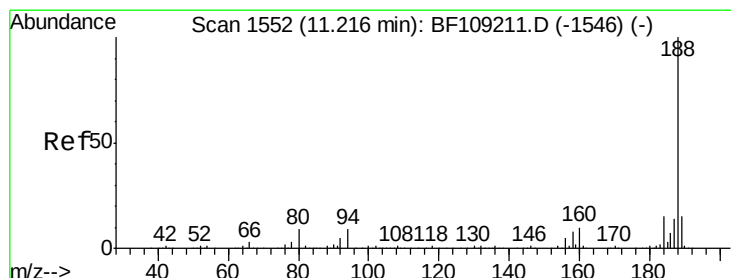
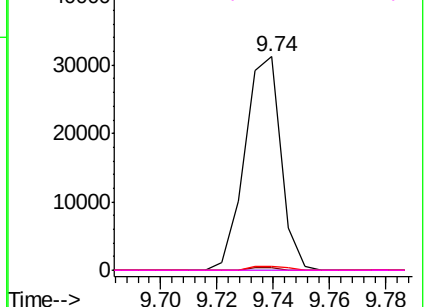
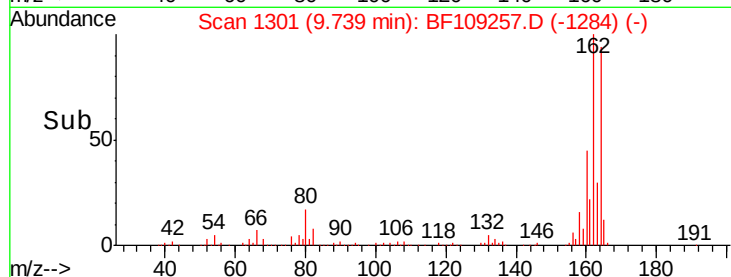


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

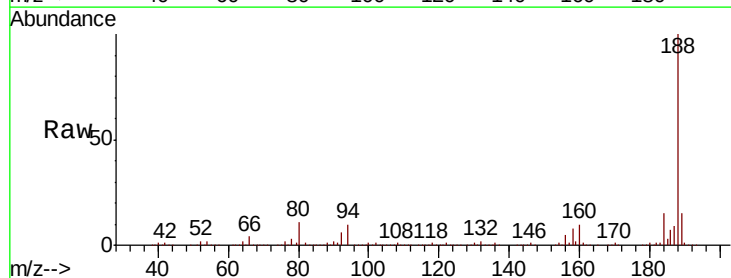
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109257.D
 Acq: 24 Sep 2018 10:46

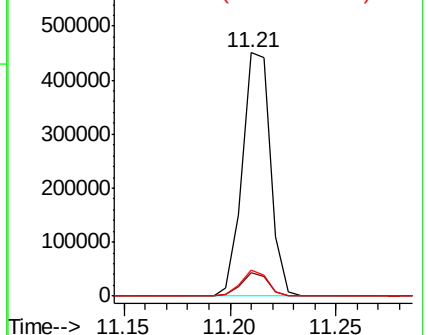
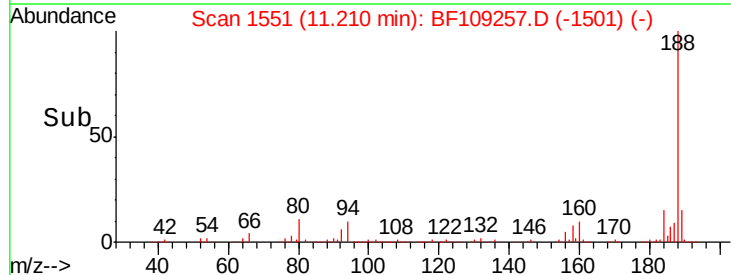
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.8	9.2	13.8

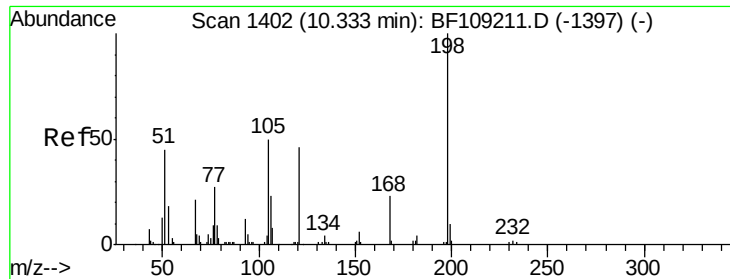


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

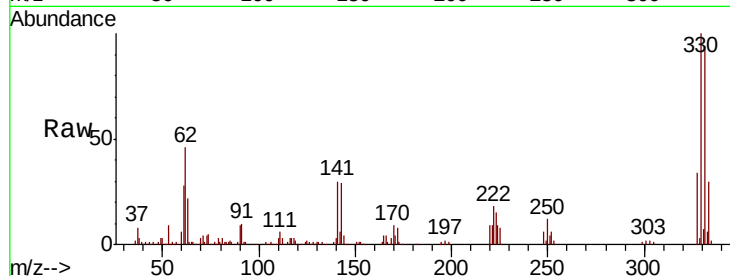




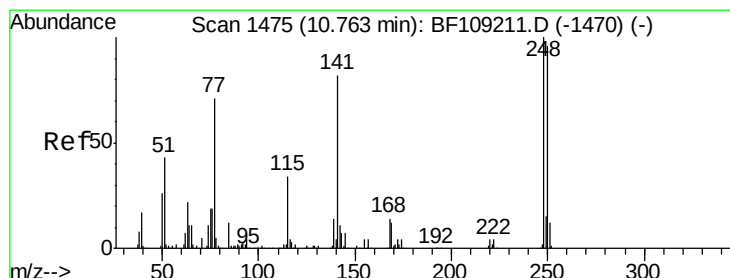
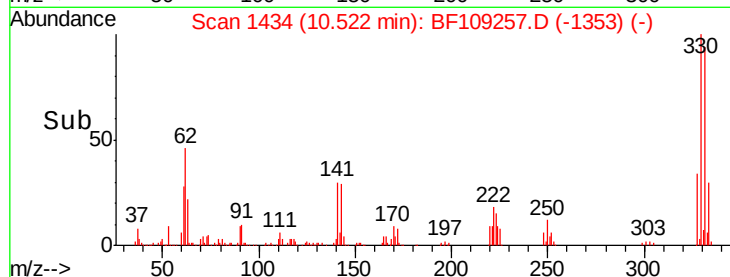
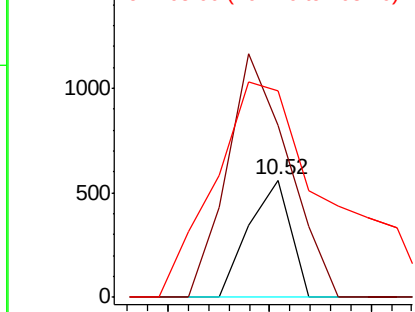
#64
4,6-Dinitro-2-methylphenol
Concen: 6.685 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109257.D
Acq: 24 Sep 2018 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 319
Ion Ratio Lower Upper
198 100
51 147.1 37.7 77.7#
105 176.8 36.3 76.3#

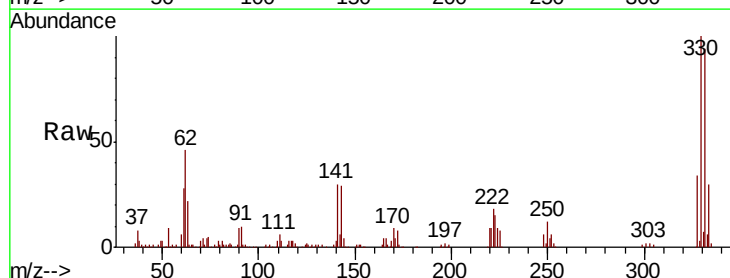


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

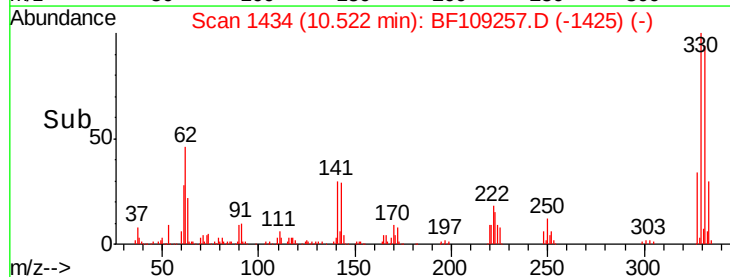
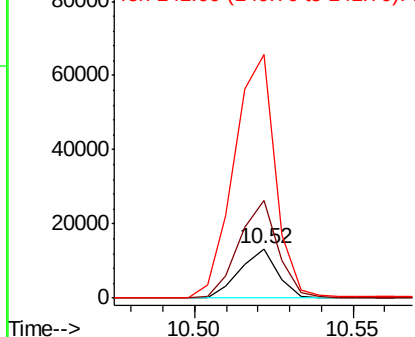


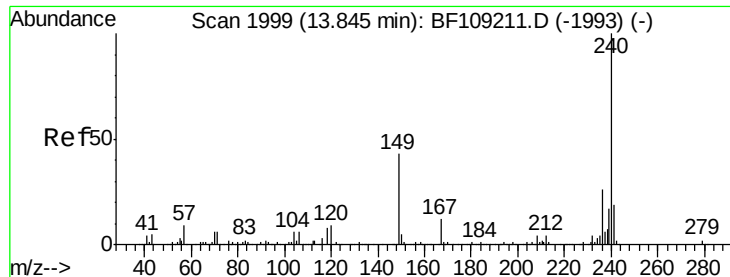
#66
4-Bromophenyl-phenylether
Concen: 2.372 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109257.D
Acq: 24 Sep 2018 10:46

Tgt Ion:248 Resp: 10984
Ion Ratio Lower Upper
248 100
250 199.3 76.9 115.3#
141 495.4 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109257.D

Acq: 24 Sep 2018 10:46

Instrument :

BNA_F

ClientSampleId :

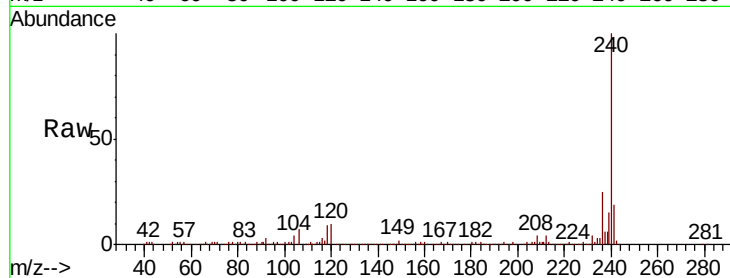
Tot Ion:240 Resp: 299780

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

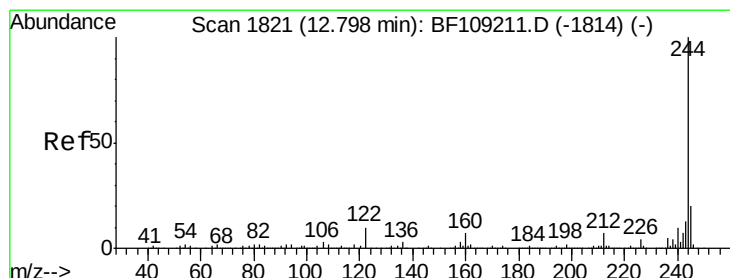
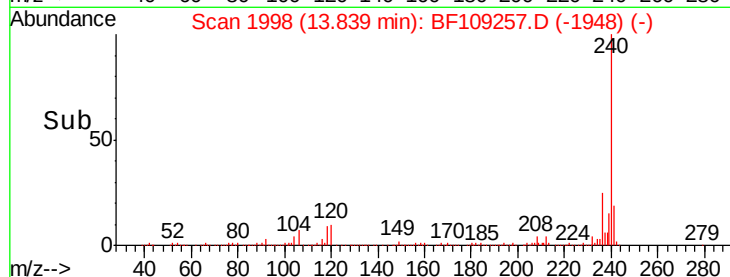
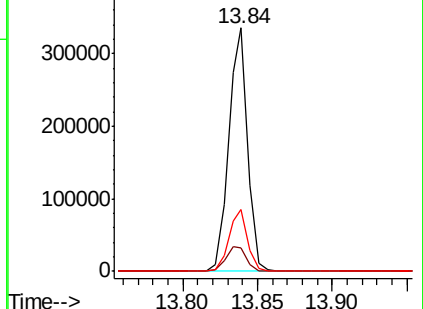
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 51.024 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109257.D

Acq: 24 Sep 2018 10:46

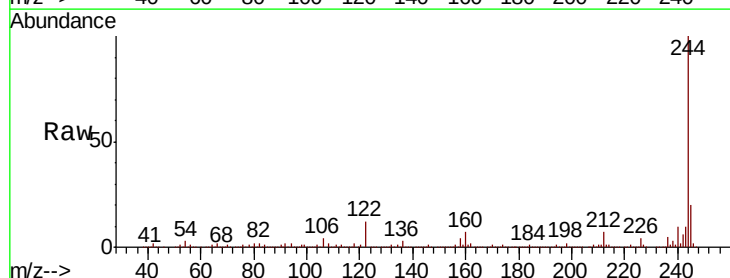
Tgt Ion:244 Resp: 623266

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

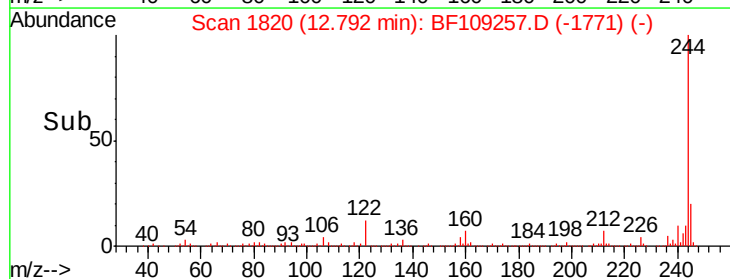
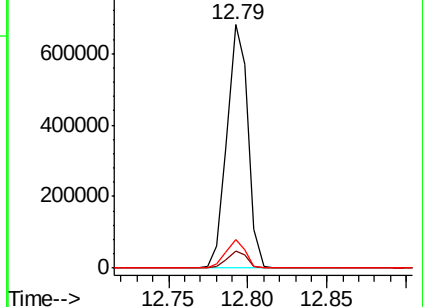
122 11.6 11.0 16.4

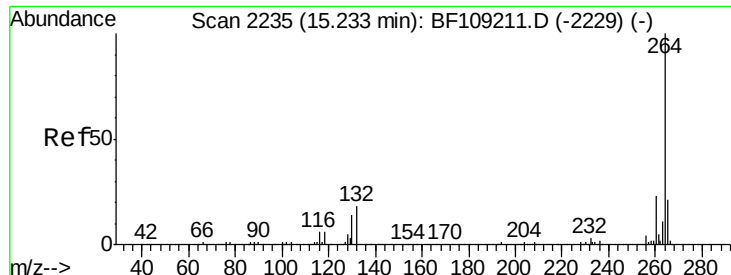


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

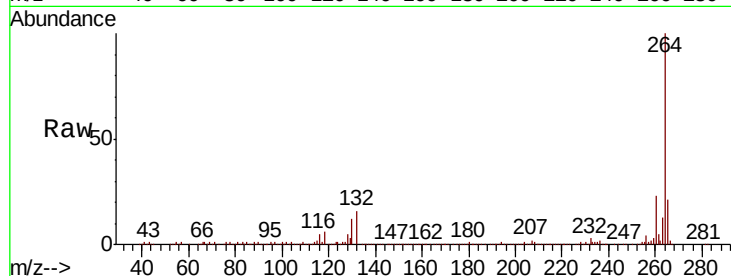




#86
Pervlone-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109257.D
Acq: 24 Sep 2018 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

